



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5930

<b>SERIAL NUMBER</b> 10/584,994	<b>FILING OR 371(c) DATE</b> 06/29/2006 <b>RULE</b>	<b>CLASS</b> 257	<b>GROUP ART UNIT</b> 2826	<b>ATTORNEY DOCKET NO.</b> SON-3173	
<b>APPLICANTS</b> Masaaki Bairo, Kagoshima, JAPAN; <b>** CONTINUING DATA *****</b> This application is a 371 of PCT/JP04/18939 12/17/2004 <i>VERIFIED/wuk</i> <b>** FOREIGN APPLICATIONS *****</b> JAPAN 2004-004186 01/09/2004 <i>VERIFIED/wuk</i> <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 02/28/2007</b>					
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Allowance <i>Wensheng Peng</i> Acknowledged Examiner's Signature Initials <i>wuk</i>		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 8	<b>INDEPENDENT CLAIMS</b> 4
<b>ADDRESS</b> 23353					
<b>TITLE</b> Bipolar transistor, semiconductor apparatus having the bipolar transistor, and methods for manufacturing them					
<b>FILING FEE RECEIVED</b> 1100	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		